

DATA ITEM DESCRIPTION

Form Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.

1. TITLE

Health Hazard Assessment Report (HHAR)

2. IDENTIFICATION NUMBER

DI-SAFT-80106B

3. DESCRIPTION/PURPOSE

3.1 Health Hazard Assessment Reports are used to systematically identify and evaluate health hazards, evaluate proposed hazardous materials, and propose measures to eliminate or control these hazards through engineering design changes or protective measures to reduce the risk to an acceptable level.

4. APPROVAL DATE
(YYMMDD)

950731

5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)

F/AFMC-SE

6a. DTIC APPLICABLE

6b. GIDEP APPLICABLE

7. APPLICATION/INTERRELATIONSHIP

7.1 This Data Item Description (DID) contains the content and format preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract.

7.2 Data items which relate to this data item description are DI-SAFT-80101B, System Safety Hazard Analysis Report; DI-SAFT-80102B, Safety Assessment Report; and DI-SAFT-80105B, System Safety Program Progress Report; DI-H-1332A, Radioactive Material Data; DI-H-1327A, Surface Danger Area Data; and DI-H-1336, Noise Measurement Report.

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8. APPROVAL LIMITATION

9a. APPLICABLE FORMS

9b. AMSC NUMBER

F7143

10. PREPARATION INSTRUCTIONS

10.1 Source document. The applicable issue of the documents cited herein, including their approval dates and dates of any applicable amendments and revisions, shall be as reflected in the contract.

10.2 Contents. The HHAR shall contain the following:

10.2.1 References. A list of source materials used in preparing the report. Include for example, government and contractor reports, standards, criteria, technical manuals and specifications. If references are numerous, put them in a bibliography as an appendix.

10.2.2 System description. A brief identification of the system and its purpose. Address significant health hazard issues that are identified later in the report.

10.2.3 Background. A description of the system and its intended operation. Include pertinent components or subsystems which contribute most to a health hazard. The identity of the intended users and the type of protective clothing and equipment, if any, available to the user. A summary of the evaluations or assessments performed on system prototypes or developmental models.

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11. DISTRIBUTION STATEMENT

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

Block 7, Application/Interrelationship (Continued)

7.3 This DID supersedes DI-SAFT-80106A.

Block 10, Preparation Instructions (Continued)

10.2.4 Identification of health hazard issues. A description and discussion of each potential or actual health hazard issue of concern for each subsystem or component. A health hazard is an existing or likely condition, inherent to the operation, maintenance, transport or use of materiel, that can cause death, injury, acute or chronic illness, disability, or reduced job performance of personnel by exposure to physiological stresses.

10.2.4.1 System breakout. Use subparagraphs for each subsystem or component, with additional subparagraphs for each health hazard discussion. Include sufficient detail to clearly define the specific problem, issued involved and reasoning behind the analyses.

10.2.4.2 Material information. For each proposed and alternative material, include the following:

a. Material identification. Include material identity; common or trade name; chemical name; chemical abstract service number; national stock number, or local stock number; physical form (solid, liquid, gas); and manufacturers and suppliers.

b. Material use and quantity. Include component name, description, and code, and/or operations details for the material. Total system and program, life-cycle quantities to be used. For mixtures, concentrations for each ingredient.

c. Hazard identification. The detrimental effects of the material on the system, personnel, environment, or facilities.

d. Toxicity assessment. A description of the expected frequency, duration, and amount of exposure. Include the reference documentation and methods used to determine potency/toxicity assessment factors and calculations.

e. Risk calculations. Include classification of severity and probability of occurrence, acceptable levels of risk, any missing information, and discussions of uncertainties in data or calculations.

10.2.5 Assessment of health hazard issues. Include an analysis of data, observations, findings, reports and other sources of information against health standards and criteria. A discussion of the potential effect of the health hazards identified. An assessment of the risk of the health hazards based on hazard severity and hazard probability as described in MIL-STD-882. Include when the hazards may be expected under normal or unusual operating or maintenance conditions.

10.2.6 Recommendations. Include a description of the recommended actions that should be taken to eliminate, reduce or control each actual or potential health hazard described. What is the effect that each action may have on the risk of the health hazard(s).

10.2.7 Summary. Include a summary of the major recommendations.